SOIL PROCESSING MACHINERY										
1	Course Title:	SOIL PR	OCESSING MACHINERY							
2	Course Code:	TRMZ10	3							
3	Type of Course:	Compuls	sory							
4	Level of Course:	Short Cy	cle							
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	6.00								
8	Theoretical (hour/week):	2.00								
9	Practice (hour/week):	2.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	ace							
14	Course Coordinator:	Prof. Dr.	Yücel Tekin							
15	Course Lecturers:	Prof. Dr.	Yücel Tekin							
16	Contact information of the Course Coordinator:	2942354								
17	Website:									
18	Objective of the Course:	To introduce tillage tools, to teach how and where they use.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	To inform about the intensity of energy usage by introducing soil tillage							
		2	To introduce primary tillage machines							
		3	To introduce secondary tillage machines							
		4	To Teach the usage of soil tillage machines							
		5	To teach the points to be considered in soil tillage							
		6								
		7								
		8								
		9								
		10								
21	21 Course Content:									
	Course Content:									
Week	Theoretical		Practice							
1	Properties affecting soil tillage		General presentation of tillage equipment							
2	Soil tillage techniques and general p of soil tillage	urposes	tillage with tractor							
3			Demonstration of implements used in tillage systems							
4	compaction									
5	Mouldboard ploughs		The concepts of the mouldboard ploughs will be displayed on the plow							

6	Plou	bugh parts								Show plow parts										
7	Draw	aw force, power and Efficiency in plows,							Pro	Problem solving										
8	Exan	am							Ex	Exam										
9	Work and p	orking technique in the field with disc plows								Working with plough in the field										
10	Soil r	oil rotatillers								orking	with ro	tatiller i	n the fie	eld						
11	Seco	econdary tillage machines, Cultivators									ion of c	different	types of	of culti	vators					
12	Harro	larrows									with di	fferent t	ypes of	harro	ws in th	e field				
13	Lawr	n roll	ers ar	nd imp	lemer	nt comb	oinatio	ons	Wo	orking	with di	fferent t	ypes of	rollers	s in the	field				
14																				
22	Text Mate	Textbooks, References and/or Other Materials:									C. CULPIN, 1992. Farm Machinery (Twelfth Edition). The University Press, Cambridge. ISBN 0-632-03417-3									
23	Assesment																			
TERM L	EARN	ARNING ACTIVITIES NUMBE								WEIGHT										
Midterr	n Exa	m					1		20.	20.00										
Quiz							1		20.	20.00										
Home	work-p	proje	ect				0		0.0	0.00										
Final E	xam						1		60.	60.00										
Total							3		10	100.00										
Contribution of Term (Year) Learning Activities to Activites							40. 1	<u>.00</u> Numb	er		Dura	ition (Total Work Load (hour)							
Theoretical									<u>יי</u>	4			2.00	2.00			28.00			
Practic	Practicals/Labs								1	4			2.00	2.00			28.00			
Selfasture Carsh Worth R LOAD TABLE								-1	4			3.00			42.00					
Homeworks								1	14				3.00			42.00				
Projects								1				3.00	3.00			3.00				
Field Studies								1	4			2.00			28.00					
Midterr	Midterm exams								1	1				3.00			3.00			
Others	Dthers									1					1.00					
Final E	inal Exams												5.00		5.00					
Total Work Load										180.00										
Total work load/ 30 hr									6.00											
ECTS	ECTS Credit of the Course									6.00										
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																			
	F	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	4	ł	4	3	4	5	0	0	0	0	0	0	0	0	0	0	0			
ÖK2	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0			
ÖK3	3	3	4	5	3	3	0	0	0	0	0	0	0	0	0	0	0			
ÖK4	4	ł	4	5	5	5	0	0	0	0	0	0	0	0	0	0	0			

ÖK5	3	4	5	4	5	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			:	2 low			3 Medium			4 High			5 Very High			